

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Brage Golding, Connie Bednarski-Meinke and  
Zhong-ning Dai

For : HETEROEPITAXIAL DIAMOND AND DIAMOND NUCLEI  
PRECURSORS

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Sir:

**INFORMATION STATEMENT UNDER  
RULE 1.97 and 1.98**

Provided herewith are copies of patents and publications as listed in the attached form PTO-1449. A concise explanation of the relevance of each reference listed in form PTO-1449 is contained in the above-captioned specification as filed.

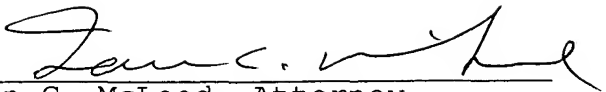
Applicant respectfully asserts that the substantive provisions of 37 CFR 1.97 and 37 CFR 1.98 are met by the provision of the foregoing statement.

Respectfully,

  
\_\_\_\_\_  
Brage Golding  
Date: 5 August 2003

\_\_\_\_\_  
Connie Bednarski-Meinke  
Date: \_\_\_\_\_

\_\_\_\_\_  
Zhong-ning Dai  
Date: \_\_\_\_\_

  
Ian C. McLeod, Attorney  
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Date: August 5, 2003

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PTO/SB/D8A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number		
			Filing Date		
			First Named Inventor	Brage Golding	
			Group Art Unit		
			Examiner Name		
Sheet	1	of		Attorney Docket Number	MSU 4.1-596

[illegible][illegible]

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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			Application Number		
			Filing Date		
			First Named Inventor	Brage Golding	
			Group Art Unit		
			Examiner Name		
Sheet	1	of		Attorney Docket Number	MSU 4.1-596

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A1	Ohtsuka, K., et al., Jpn. J. Appl. Phys. 36, 1214 (1997)	
	B1	Schreck, M., et al., Appl. Phys. Lett. 74, 650 (1999)	
	C1	Tsubota, T., et al., Diamond and Related Materials 9, 1380 (2000)	
	D1	Hormann, et al., Diamond and Related Materials 9, 256 (2000)	
	E1	Dai, Z., et al., Proc. Mat. Res. Soc., P11.35, 684 (2001)	
	F1	Wolter, S., et al., Appl. Phys. Lett. 62, 1215 (1993)	
	G1	Jiang, X., Diamond and Related Materials 2, 1112 (1993)	
	H1	Wild, C., et al., Diamond and Related Materials 3, 373 (1994)	
	I1	Ohtsuka, K., et al., Jpn. J. Appl. Phys. Pt. 2, 35 (1996) L1072	
	J1	Ohtsuka, K., et al., Jpn. J. Appl. Phys. Pt. 2, 36 (1997) L1214	
	K1	Schreck, M., et al., Appl. Phys. Lett. 78, 192 (2001)	

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Sheet	2	of	

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	L2	Yugo, S., et al., Appl. Phys. Lett. 58, 1036 (1991)	
	M2	Loloe, R., et al., Phil. Mag. A 81, 261 (2001)	
	N2	Wolfing, B., et al., J. Phys: Condensed Matter 11, 2669 (1999)	
	O2	Vargas, R., et al., Appl. Phys. Lett. 65, 1094 (1994)	
	P2	Kronberg, M.L., Acta Metall. 5, 507 (1957)	
	Q2	Kuo, K.P., et al., Diamond and Related Materials 6, 1097 (1997)	
	R2	Kulisch, W., et al., Physica Status Solidi A 154, 155 (1996)	
	S2	Stockel, et al., J. Appl. Phys. 79, 768 (1996)	
	T2	Whitfield, M.D., et al., Diamond and Related Material 9, 305 (2000)	

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